



CHAPTER 28

Modifiers

This chapter describes the modifiers for TL1 commands and autonomous messages for the Cisco ONS 15454, Cisco ONS 15310-CL, Cisco ONS 15310-MA, and Cisco ONS 15600. [Table 28-1](#) details the TL1 modifiers for commands that have carets (<>) in part of their input format; for example, RTRV-<OCN_TYPE>. A “Yes” in the platform column indicates that a particular modifier is supported in that platform. A “No” in the platform column indicates that a particular modifier is not supported in that platform.

Table 28-1 **Modifier Support**

Modifier	ONS 15454	ONS 15310-CL	ONS 15310-MA	ONS 15600
10GFC	Yes	No	No	No
10GIGE	Yes	No	No	No
40GIGE	Yes	No	No	No
1GFC	Yes	No	No	No
1GFICON	Yes	No	No	No
2GFC	Yes	No	No	No
2GFICON	Yes	No	No	No
5GIB	Yes	No	No	No
8GFC	Yes	No	No	No
D1VIDEO	Yes	No	No	No
DS1	Yes	No	No	No
DV6000	Yes	No	No	No
DVBASI	Yes	No	No	No
E100	Yes	No	No	No
E1000	Yes	No	No	No
EC1	Yes	Yes	Yes	No
FSTE	Yes	Yes	Yes	No
G1000	Yes	No	No	No
GIGE	Yes	No	No	Yes
HDTV	Yes	No	No	No
ISC1	Yes	No	No	No

Table 28-1 *Modifier Support (continued)*

Modifier	ONS 15454	ONS 15310-CL	ONS 15310-MA	ONS 15600
OC12	Yes	Yes	Yes	Yes
OC192	Yes	No	No	Yes
OC3	Yes	Yes	Yes	Yes
OC48	Yes	No	Yes	Yes
OC768	Yes	No	Yes	Yes
OCH	Yes	No	No	No
OMS	No	No	No	No
OTS	No	No	No	No
OTU3	Yes	No	No	No
POS	Yes	Yes	Yes	Yes
STS1	Yes	Yes	Yes	Yes
STS12C	Yes	Yes	Yes	Yes
STS192C	Yes	No	No	Yes
STS24C	Yes	No	Yes	Yes
STS18C	Yes	No	No	No
STS36C	Yes	No	No	No
STS3C	Yes	Yes	Yes	Yes
STS48C	Yes	No	Yes	Yes
STS6C	Yes	Yes	Yes	Yes
STS9C	Yes	Yes	Yes	Yes
T1	Yes	Yes	Yes	No
T3	Yes	Yes	Yes	No
VT1	Yes	Yes	Yes	No